

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/004654

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C10G33/00 B01D17/04 B01D19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C10G B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 92/19351 A (CONOCO SPECIALTY PROD) 12 November 1992 (1992-11-12) * page 1, lignes 634; page 19, ligne 1 - page 24, ligne 5; figure 2 * ----- -/-	1, 3, 5-7, 10-12, 15, 16, 22, 24, 26-30, 34, 37, 38, 40, 42-44, 47-49, 51-54

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

Z document member of the same patent family

Date of the actual completion of the international search

25 July 2005

Date of mailing of the international search report

04/08/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 12 23 805 B (FRANZ FROTZLER DIPL ING) 1 September 1966 (1966-09-01)	1-3, 5-8, 10-12, 15-19, 21-24, 26, 28-31, 33-35, 37, 38, 40-44, 46-49, 51-54
X	the whole document & CA 915 589 A (MOFFAT TANK CO LTD) 28 November 1972 (1972-11-28) the whole document -----	1, 2, 6-8, 16, 17

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Information on patent family members

International Application No

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Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 9219351	A	12-11-1992	CA	2086320 A1		03-11-1992
			WO	9219348 A1		12-11-1992
			GB	2266062 A		20-10-1993
			WO	9219351 A1		12-11-1992
			NO	925054 A		25-02-1993
			NO	925055 A		25-02-1993
DE 1223805	B	01-09-1966		NONE		
CA 915589	A	28-11-1972		NONE		

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